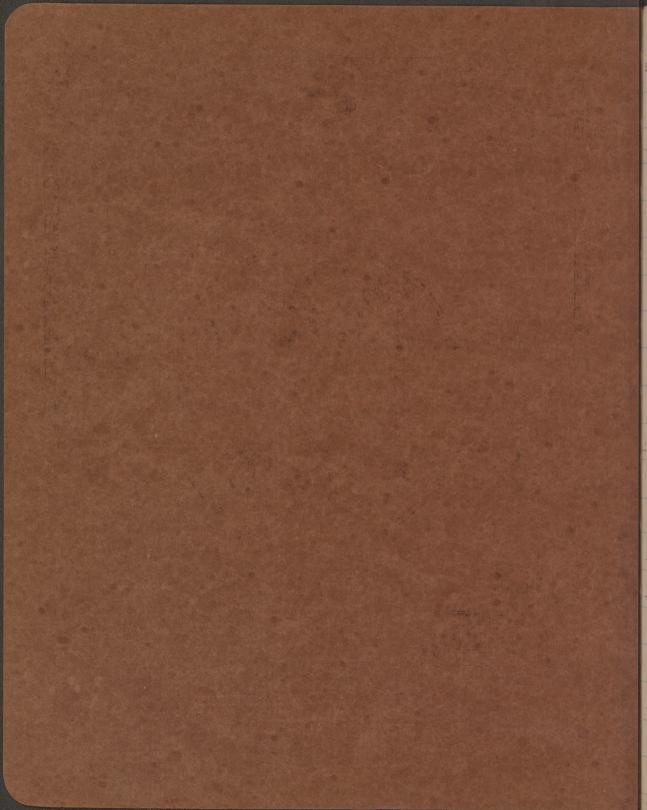
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January 17, 1903. With Mr. W. to Marley, Forest Home, Glenburie and vicinity. We met in Brooklyn at 8 %. M. There has been quite a change in temperature since last Saturday, to-day the thermometer went as high as 57°, at no time was it below 37°. The roads when we started were frim and frozen but before noon they became very minddy. While going along the amapolin Rd, I remembered that it was along this road that I first found belacture reanders, so kept a look-out for it. We found the plant still in ite old place. Linte a number of the plante may be found on the west side of the road, along the border of the field worth of Mr. Pumphuy's home. Later we found it too, north of Stallings, also on the west side of the road. At human Branch we left the amapolic Red and took the one to Marly bridge.

On our way we stopped a few momente to eat a little lunch and then proceded to R'a where we stopped a short while and paid our respects to the new Mr. R'. We found the branch less frozen than we had expected; Spring bordens was completely prozen but here there was ice only close

to the chore. We did not remain at R'e very long, but continued our ting to M. Men were painting the bridge infrom their appearance one might think they had been painting each other. They were painting with a will, anxione to

get through with their work, for, as they raid, there would even be a big

change in the weather. " If it only holde out a few home", they said, and "we will be glad". It was cloudy at the time and had been partly cloudy all morning, the paper, two, raid "rain by evening". Notwithstanding it cleared beautifully within the next how and remained bright as lay as we were out. With the erm shining, it was beautiful, the temperature was so delightful; it felt like spring. From M. we had gone to F. H. and to our hygodium place. The fronds are still heartiful and show no signs of the effects of winter - the above we have had and the intense cold. I observed though that the futile pations on some of the plants had turned quite dark. There facts exemed more dry and brittle and no donabet were dead, having shed their space. There were of a dark bronze color as I observed by holding a piece of the fittle fond in my hand, when the heat of my hand camed the sprangin to open, I collected a few piece of the fertile fronds to take at home for experiment. From the hygodium place we intended to go to the pand, but mired one way, as we room observed and also by soon afterwards, coming to an abandoned charcoal brumu's hut. The earth had been wached away from the top and all the rafter were more or less decayed. On a rainy day, one could with the help of an umbrella make the but an admirable camp. All about are young fine treer, which have grown up amie the cleaning of the former woods. This old but therefore

among the piner, is fricturezuely cituated. The ground is thickly covered with the fine needles. We sat in the ground and found it very day and not at all cold. The place was so very pretty in the bright runchine that we decided to camp for a little while. So much wood was hyming about that we thought we might try the new method, I had read about, of making a fire. Two witer- roaked loge were laid parallel on the ground; across these were placed, first 3 thick piece of wood close together, then on top of there, two other price posallel with them, all fitting as closely together as possible. The fire is now built on top of this pile. We found it to work finely, the fire worked ite way downwand gradually, threw out much heat and made little amohe. While here I collected a few Pine ande, only a few could be collected for most of them had already faller from the conce; still a few can be found men the base of nearly all the comes or the lower scales do not open wide enough to allow the reeds to drop. Seeds can be found, too, in those come, which in turning completely around, generally by one or more comes growing from the same place with it, There are two reeds on each scale, they are commented triangular in outline and are winged by a thin delicate scale, which beaks away from the reed so smoothly that one notice no have of it. after our experiment with the fine

"Sunday, Jan. 18, While at K's we were talking about the Westle Breen's predictions, about their weliability aim having been predicted; the prediction being "increasing cloudiness followed by rain" for the 17th and "rain" for theyer Washed come cloudiness but no rain and to-day it has been clear all day. One man there raid "The yee to more it will rain We retraced our steps and soon saw where we had gotten off the track. We stupped a moment to see the hygodium near the fond and learned that we could reach the apart by entering the woods immediately on reaching the field. I tied two of the fronds lovely together to observe again more fully in the future, We now went to the old mill, then to B'z, and from there through the woode to the tracks, stopping on the way to est our dimer. It was help part five when we reached the tracks. We reached Is cometine before the train would arrive avaited it in K'a. It was about 7.30 P. M. when we reached Candon Station, 383. January 24, 1903. To hoch Raven and along the Sunpowder. We met at Toursey about 80'clock. The morning was raw, a cold penetrating north east wind was blowing at the rate of 13 miles an hour, thermometer 240. It was cloudy and it feltlike snow war in the air. The weather brueau, two, producted snow. We moved as rapid in by as pacify over the roads towards L. R. Very glad were we to see that one of those very high trestle-bridges of the Mad & De. R. R. had been removed and repliced by a very substantially built iron one. The pretty house in the hollow, close to station or attracted my attention, eurrounded as it is, so sungly by everywar. Along the road-and puthint cide are Arbor-vitaes the tallect, I have ever seen. On the laws two, is a very large Vaulowinia imperialis. We noticed that the putty atutch of woods running

There men yet even it to fail, if it rains the 15 T x 2 nd Sundays of the mouth it is some to rain on 840 the 3 d.".

x In aniem kniffen brimde all along the couth side of the road between it and the railroad wie being ent down. The largest trees were cut into telegraph poles and the other into fine railo. It took us about an hour to walk to L. R. There we stopped a few momente at the black smithe and were surpried to see how early he started his fine, a small amount of paper were lit and there sufficied to ignite the bituminous coal with the aid of the bellows. Here we asked, how to reach the old mill, and then proceeded towands Cromwell Bridge where we turned to the right and followed the brook to the mill. The tall wheel was revolving, and soing the miller at the door, we told him we wished to see how the will worked. We found him very accompodating and he showed us through the entire mill. We learned that the mill was Mitchelle mill. Deing Having run a derd make (Hay more) in the brook not for from the mill we asked about it and learned that come one had killed it thinking it was a copper head. after thanking the miller for his kindness we returned to L. R. Not for from the will we found Clematic, on the brook eide of the road; and on Cronwell Br. Rid, we found Hope, Humulus Lufulus, between the road and the river a short dutance east of L. R. From L. R. we went towards blen Ellen. We found the door of the Sate House open so stopped in a mament, and then continued our trip. The energreene, particularly the hembocks, lowhed beautiful. One fine, of a pention stimted growth, attracted my attention, but I failed to recognize it. We went along the road for quite a distance. In several places I found large patches

841. X Here is a large Thom - Cestargue \* Deepest mow this winter - about 4 inches. of hyporpodum complanatum, but, although I reached carefully, found none in fruit. I fail to understand, why I have never seen this plant in fruit. It was about 11 o'clock when we reached a ravine ( the one we entered during the cummer with Mr. T.) and we decided to stop for dimer. We soon found that we had celected a very disagreable camping place, a place when we were not protected at all from the wind, but we decided to make the best of it, We had a great deal of trouble to start our fire and were once on the point of bearing to try some other place, Finally, however, it began to burn, and we had one of our best five, such a fine one that we felt both to leve it when the time for starting homeword come. It had begun to snow and the ground war already conved when we started. We were undecided which way to take, whether owned towards Isla Eller or to return over the route we had already taken; finally decided to go by way of blen Ellen, being told by a workman that it was a shorter route. We went, therefore, to the three- arched bridge, crossed it and followed the brook up theam, we crossed it at Islam Ellen but seeing a broad path leading part come line kilus and also around the White House, which is quite an immence brilding, we followed it. The road follows the stream and enter the Slew Eller road at the dainy. Just before it entre this road It it runs along the edge of a piece of woodland. It was now getting duch, the anow deeper and deeper. The road was filled with rute and

very disagreable to walk on. It took we two house to reach Tower. We reached home before 8 o'clock.

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January 31, 1903. To Brooklyn and vicinity. I left home about 9 o'clock. On account of the warm weather during the past week, allice had disappeared in Spring Sardens. Yesterday, however, it blew up cold; the ground was therefore frozen this morning and a little vie was seen on the routh shore of the river, Noticed that a new frame building, is being bruilt on the shore, the front facing the road In front it is but one story high, in the rear two stories. The building stands on the site of a former squatter. as I crossed the bridge, I looked to see if the willows planted along the west side of the bridge were growing, but did not find a single one. as I passed through B. I stopped to examine the terminal bude of the Paper Mulbury, my observations, however, were not satisfactory. Near Mr. Melderman's house I raw reveral beautiful evergreens and thought of entering his place to examine them, but decided to put it off till some other time. I took the road, leading towards Pumphray's. This roads leads through the Crommell estate, a tract of nearly 5 vo a., extending from the river to anapolis R'd and from Brooklyn up to a point about 1/2 mile from Pumphy The wind, which had been blowing with considerably force during the night,

had since surrise gradually diminished in velocity; the temperature, therefore

rapidly became warmer, so that now, with the sum shining brightly and not

name x siven to such buch by 843. a cloud to be seen, the day was perfect. On I went along the road I stopped frequently to examine the trees, particularly the Sycamore and the Robinia - the hoenet. Examining the Ro-called terminal bud - the pseudo terminal bud of the Sycamore, I observed that it is in fact the axillang bud of the last leaf; the true terminal bud is a small affair, which I think become abortive, the stem increasing in length by means of the pseudo of terminal bud. Shall note again this spring. With the Robinia, there is no doubt; here one sees plainly that it is a prendo-terminal bud that prolongs the stem, for here it is not only the terminal bud, but most times quite a price of the stem that dies and in falling off leaves either a scar or as in most cares a tiny stump of more or less length, It was while I was examining the Robinia, that Mr. Chancy came along. The lives on a frice of land of the Cromwell estate. His home overlooks the river. He told me he had four English Walnut trees growing on his place. When I told a him that I would come to see them when in bloom, he did not seem to know a that they had flowers, still as they had fruit, he thought that they must have flowers. Mr. C. told me, in the course of our conversation, that all the land to the east of Brooklyn all the way to Curtie Bay belongs to the Baynor Company; the park, therefore, back of brieneisens is not Commelle Park as I had thought but Raynor's. Bidding Mr. C. good bye, I con

timed my trip. Near the berry picker's hut, I stopped to examine several patches of Stellaria media. It was found in plower, making this plant again the first to be seen in bloom. To-day, I was mainly interested in seeing if there flowers ever produced ripered pade so early in the season, or if as my friend Webb states, that they never do, that their author never contain poller". Examination showed that although some few plowers were completely withred, there were just as many, perhaps more, with capsules, some already ripe, containing beautiful flat, miely marked, light brown seeds. a number of the planer were examined and poller was found, although not abundant While examining a noticed that the filaments were peculiarly broad and glander lar-like at their base. In all the flower examined there were but 4 stamme. Tentered the woods, here, at the hut, and went towards the spring. Before continuing through the little ravine, Istopped long enough, to look up the spot where I had marked a number of plants of Vodophyllum peltatum. After finding the shot, I continued my trip. Everywhere I noticed young shoots on the Elder, in all cases, close to the ground. In one place, too, there was a Blackbury plant with two leaves. In several place Nephrodium spinulosum var intermedium was observed, Continuing onward to the swampy region, Skunk Cabbage was found, very plentifully. Did not stop

to collect any though, as I intended going to a region, where there was

g45. plenty more of it. Ofter leaving the little ravine, I followed the narrow path towards the swampy borders along the shore. I went along this route mainly to see Lycopodium lucidulum, which I hoped might be found in fruit. I found many patches of the plant but none with pertile steme. I see Evany mention august as the proper time, so will look up the plant in the proper time, While looking for the hyeopodium I raw that vandale had cut clown twofine Holly-trees - Mex space -, there trees were each more than binches in diameter. Near one of three fallen trees, I made my camp. I built a small fire, just large enough to warm the oysters I had for my dinner. after duma I continued my investigations. Throughout the swampy ground grew Symplocarpus factions, of all shades, but mostly of a dark maroon evolor. I opened several spather to see if the flower were really "in bloom" and found come in which the authore had shed their pollen. My most interesting observation of this plant to-day was the pendier, almost as if ent offer, condition of a fairly large percentage of the spather. In every care there particular plants grew in water and most of them were tightly closed. The first one I observed was in the little ravine, seeing a nice spathe reveral wicher out of the water, in which it was growing, I took hold of it to observe it more closely and was somewhat surprised, when I found that I could pull it readily out, of the from the plant. Its stalk was about

six inches long. I thought it peculiar but paid no particular notice to it until cometine afterwards, when I observed the came thing again, I then looked into the matter a little more carefully and room notice. ed that possibly between 14 and 1/3 of the spather of plants growing in the water were raised comewhat above the rurface of the water and could be pulled out readily. Two of there were found with stalks worly I inche long, but most of them I think averaged between 4 and 5 within. There were some with stalks ally about 2 inches long. In nearly way care I noticed towo bracks (?) still attached to the lower and of the stalk. The entire spathe, there with stalk, therefore, apparently comes from the plant. They all came up with the lower end as clearly cut across as if it had been done with a knife. The ease with which they came up and the appearance of their lower apparently cut-off with which the flower and leaf-scales come off. I their tower extremities, reminded me of the case and the appearance of their tower lower cut off extremities, What can be the cause of the behavior of the spather. I can think of nothing that can cause it. The water seems to be pathy the cause, for none were found, out of water, to behave that way, but if it is the water, why are not all the spather growing in water alike. Even on the same plant, two spather growing side by side behaved differently, one remaining firmly attached, and

\* In one of the apather, I found a mail. G47. the other coming up. While looking for the spather I found in one place the ripered fruit still in good condition. I broke it open and took out the of the reeds. I examined one to see if I could detect the embryo but failed to do so, In this same swamp grows the Chain Fern Woodwardie augustifolia. The old stalles when touched non rend out clouds of spores. Here, two, I found in several places great heap of the camarac of the Pulip-tree. I examined there, and found that in all care the bacal - cover-chapted - end had been cracked open and the reeds extracted. Each samue contains generally two reeds, flattich and slightly twisted, on account of their cramped quarters, about the rize of canary-reed. There heaps were found generally at the bary of tree trunks, at one place, though I found them on either both rides of a fallen true, the trunk still pathy raised from the ground. ) think, on account of the smallness of the such that this is done by bids. The effect covered by there heaps was generally entirely around, at lest half-way around the tree trunk. The tree relieted was not always a Tuly tree. It would be most interesting to see how there heaps are really made. Does one bird or animal or many help to form them no doubt many; but it cume strange that the remains should be collected together in heaps. In one place, where there was an

\* Near by were some plants of Mex verticillata. The fruit now is beginning to decay and dup off. 848.

\*\* On this trip I found frequently Episce repear. The buds are becoming very prominent. Kalmia latifolia, too, was observed. Ite new shoots are more than an inch long. Its terminal bud, two, becomes latent. hollowed out space the floor of which were about an wich of there earnerse. While examining thise, I heard not for from me the peculiar, animal-like, cry of I a hawk (?). I now left the swamp and went towards the road. Here in an open space grew rome Sumache, Rhue glabre. The bernin are now nearly ready to fall off. The stalk containing (holding) them has gradually without and now extends a chart distance down the stem and the weight of the bernie has been sufficient to bend the entire churche towards the grown The remains of former year's berry clusters may books of the bandle angainly looking plant. When I reached the road I went across the country towards hehis. after a short ctop, Istarted for home. The roads now were in an awful condition and I was glad when I reached Browklyn. The temperature was delightfully mild and I enjoyed my walk across the bridge. I looked frequently towards the west in the hope of reening Venue and war finelly revarded. Venue appeare first and finelly Jupiter comewhat len brilliant. The two planets were in conjunction. On my way out Marchall an. I saw the new brilliant light of It Manys Ster of the See. Church, It was about 6.30. P.M. when I neeched home

& Found in a number places, as also on my last tip, Pipularia discolor. 850. but as he chowed no signs of life after more than 10 minutes near the it, and as I war anxione to learn more about the Skimbe Cabbage, I decided not to wait longer. I found again the same clongated loose spather. Twice, I attempted to dig out a plant with my trowel, so that I could see more of the plant, and perhaps then learn why the spathe was so boxely attached but each time I failed and only enceeded in getting my hande thoroughly cold on account of putting them in the icy water. I shall try though again, and with a spede, if need be. While going through the rwamp I passed severel mounde. One in particular, much layer than the others, attracted & my attention considerably, on account of the hollow round given out, when the ground was struck. I wished to investigate further, but found the frozen wil two hard for my trowel, so will try some other time. Wishing to be at Furnace Br. by moon, and thinking too, that there I would find cimilarly good specimene of the Symphocarpus for investigation, I decided to dart for the place. Stopped a few momente at Stallings and preceibed for his cough. Reached Furnace Br. at 110'clock. Entering the swampy ground on the left, I looked for a cozy nook, where I reated myself and ate my din ner. after dimer, I began examining the swamp. Symplocarpue was found but not abundantly, and so were also a few plants of Sarracenia purpurea. Here, too, I marked two fine plants of Her lawigata. Both plants were near the

851. branch, to specimen No. 1. I tied two white bands, but to specimen No. 1 I tied but one band, but used it to tie together 2 stalks of the plant, Severel plants of I. glabra were also found and a pew two of Myrica ceripera. I left the evamp about noon and then entered the one to the right of the road. Here, too, I found Symploconfine poetidine but none with spather that were love like those found in Browhly Here too, I found Sarracemia and noted that the fruits of the Rline venerata were beginning to fall from the plant. The berries do not dup off engly, but the entire cluster falls at one time. While looking around I found a mice come, still containing seed, of Pennic regida, I was comewhat u amprised, for it looked as if it had been pulled from the tree. I room found an w explanation. a few steps from the frit cone, I found another, and then another, and then came to a fallen tree. Here I found a large heap of the grawed off realis & of these comes and reattened about were the sine central axes of the comes , with what remained of the grawed off scales. In another heaf were the wings of seeds, It seems as if the agrirels, for it such must be their work, and they that eat the ends of the Puliptree, first graved off the scales to seems the seeds and then later remove the wings. In another heef were, two, the empty camares of the Tulif tree. With the Pine scales I found the remains of a number of layer plattened fruits, which I think may be the whence of some redge, a specie of me

\* They remind me communded of the abenes of the cum-flower, and are nearly their size. 852, Carex no doubt. There were grawed into, come at uch end, some at only one end and the seed extracted. When I first collected there strange reeds I thought that they were the reede of the pine, so did not look about to see if I might find the plant from which they had been taken. I taste the ceede of the pine, and find them rather disagreeable, tasting like temperature. as I left this awamp I marked another Her lawigate, close to the field and very near the road. I now visited the low ground near the pand and noth of the first path. Here I found another Pitcher plant with broad wings to the fitchers, Here, two, is a great deal of Mex glabra. Saultheria procumbers was found prequently, it still has its berries. Just as I reached the little bridge, on the side of the road, (fint path), I mit Mr. Pumphrey. He told me that this path, as also the one mean the fond, lead to the amspolis Rid, "the told me too, how to get to Seven Run, Whitehead Br., and Rudy March. It was about 5 o'clock when I started for home. The day was partly cloudy but not cold. I reached home, about 70'clock. To day, for the first time, I found sprouted Symplocorpus reeds, the short appear at a point, immediately opposite the prentin depression in the seed. From the base of the shoot appear reveal start roots. I found 6 of these aponted reeds, no doubt all from one fruit. I reached afterwards for more but no more were to be found.

953, February 14, 1903. To Furnace Br., Glenburnie, Whitehead Br., and Reedy March or Swamp. I left home at 7 a.M. It was cloudy and the wind was from the east. As I crossed hong Bridge, I saw the sun rising, very red and then diappear, behind the deme cloude. Stopped at Stalling's and learned that his cold was much better and that my precription had done him good. When near Furnee Br., I met Mr. Pumphry on a brazele and told him I was going to the March". I stopped at the branch and looked for the faller tree, on which were the grand alenes, but could not find it, Here I received a number of fine specimens of Symplocarpus. I obarrived that the spather that arise outside of the leaves are protected by the two long names realer, the other arising from the axilic of the leaves are not so five tested. There are the spather, too, that are so love, fulling up so readily, a cross- rection across the top of the rhijome, showed a great many little buds in the axiles of the leaves. In Dexpreted Mr. W. to come on the 9.30 train, I humid through the asvamp and started for S. When near the station, I must him, the train had award about half an hour ago, We now asked at Kuther, how to get to Whitehead Br and to Reedy March. We were told to go out the road, until we came to Bur Wadie and then turn in to the left, We found Wader without trouble. Mr. Wade har I children, and all had the whooping-cough. We followed the path, as directed, and before lay came to Mutched Branch, It is a fine stream of water and books

as if it were well worth visiting again. The country around is very bretty. Or we crossed the field, we found Draba verna in bloom. From the branch, we went towards Struckeombie (Willie) but got off the track a little when we went to Markland's. We, rowever, finally reached S'z, Mr. S. is building a new house. We went towards it, hoping to find someone, who could show us the awarmp. No one wasthere, nomener, and as it was already past 12 o'clock, and a rule spring was near the home, we decided to eat dumer. Ofter dimer we again started too rearch for the swamp. Sing a man, planing, I went too him; as I saw the reeds growing, not for away. It was Mr. S. and he told us that we were now at the head of the swamp. The reed is an everyeen; the leaves are now turning yellow, and are beginning to fall, and all through the awamp, the ground is covered with the leaves. Mr. S. told we, how we might go to reach Fourt Home, there was one fith leading through the woods, but as this was partly overgrown, he though it might be better if we took the path (road) leading to Warfulds. The we decided to do. Mr. S. told us that last year, there was front on May 10. We now left Mr. S. and started for W's. after going a short distance, we entered the awarmfung ground to our left. Reeds were to be found everywhere, and on the ground everywhere Santtheria. In several place we found the verticillate and being ate, The berne on most of the plants have turned brown or block and dropped off or are dropping off,

855. I noticed, too, that the benies of Rhue glaba, rave turned black and the buncher were much encaller, on ace't of the great number of benner that had fallen. While Mr. W. was collecting come reeds, I started to go through a small fatch of them. After going about 30 cteps, I found that I was surrounded on all sides by them, They towered high above me, and I could not see where I was going. I decided to get out as quilely as I could and so halloped, as loud as I could for Mr. W. Notwithstanding hollowing, I got no reply. I finally reached a small stream, and after some difficulty, manyed to get across. When I got into the open, I didn't know where I was, but seeing a small but nearly I decided to ing uie, my way back to S'a and start afrech. At the house where I inquired was a bermen lady, she did n't seem to know where she was herself, so of course could not direct me; but reing another sharty close-by occupied by a colored women, I decided to inquire there. The old women was arthmetic and buides had a core hand (bone felow). after showing me what way to go to reach Siz; and I am afraid that I would never have found it, from her directions, I bound when I asked her about to rest I rome that M. W. had been the about 15 minutes before me. She now directed me over the route he had taken. after a bit I found the route and 'mind onward to Fout Home; it took me though a nice pine forest. at Fout

\* Near the path leading to Maily Bridge, I found Parax seem in bloom. 856
\*\* Several times, on my way home I noticed a severt odor, like that when the maples are in bloom. Home, a man told me that Mr. W. had been there just about 10 min ago, and left word that he was going to the old mill, then to the railroad and them to bluburine. On my way through the woods from the old mill to the railroad, I holloed frequently, but received no reply. On I went along the railroad tracks, I met the trackwalker, he told me he had not seen Mr. W. and wo, too, at K'z, I was told that Mr. W. had not been seen. It had now begun to rain, and as I was auxious to get over the worst part of the road before it was too dark, it, being already fine o'clock, I decided to start homeward. It. Furnen Br., I got a few more spather of the Skink babbage. It did not rain so very hard, so that, I reached home without getting very wet. as I crossed the bridge, I frequently noticed that it lightened towards the west. I arrived home about quarter part reven o'clock. Sunday, Feb. 15, 1903. Again a rainy Sunday. Since Christman, we have red. but one Sunday, on which he has not rained. February 21, 1903, A trip to Forest Home. I left home about half part eight o'clock. During the part week, we have had it very leveld. The thermometer reached its lowest point, 5°, on the 19th. Yesterday it began to moderate comewhat but not sufficiently to melt the know which fell Monday evening, the 16th, The snow is therefore, still cover-

ing the ground, the ponds have a thick covering of ice and the river is frozen. When I reached Brishlyn, I turned off to the right to see how the Skunk Cabbage looked to see if the frost had done it much harm. I found the spathes frozen and apparently rotting, the stamene, too, were very much swallen. My short trip along the river was most interesting. At least rix different kinds of bids were wither reen or heard. Two that I heard afforded me much pleasure. The one was a gay fellow and kept always commuhere near me and when I imitated his cheery notes would immediately afterwards call again the other, however, trad a rather plaintine chord, which was had to imitate and soon, for some reason or other got out of hearing. One bird, that I raw, did not seem to be at all afraid. When I stood chill they would come, two or three, and cometimes a day or more, very close to me. They were pitty little things, about the eige of the Eng. spenow. They were of a brownih color, light gray on the breat and had yellowich patcher on the rides and a pretty top heart. They would hold themselves against a redge or give and puch at it, no doubt after grube. Their who were hard to imitate. Everywhere in the arrow could be seen the tracks of birds and animale. In several places, two, were seen holes rerateled into the ensur, as if the animal had buried comething there

x Juneoz. before the mow and now requiring it had dry it out, I hept a short book-out for hurie of the verticillate and also of I lawyet throughout the day, but not one could be found. They have now all fallen to the ground, carried no doubt by the weather this part week. When I got though examining the Skunk Callage I went across the fields towards Cedar Will. Not for from the comterey I caw a boy cutting down the pretty Oraze Orange hedge that run for a long dictance along the roadside. He told me, it was being cut down, because it was hard to plow close to it and Mr. anderson wanted to get out of the ground all she could as lay as she had to pay rent for it. The cold way has blacked the leaves of the honey ruckle, Last week, it was still of a heartiful green. I reached sleuburine about 12 o'clock, so found a rive place near the tile factory to eat my lunch, after driver I went to F. H. by way of M. at F. H. I found hundreds of bride. They. and have been I now bids. They were about the eige of the Eng. sparrow. dark heads and back, light breasts and I think had two white greather

dark heads and back, light breate and I think had two white feather in their tails which were hidden when not flying. They reemed to enjoy the know and were continually hopping about in it, seeking their food, which I suffere must be seeds. My trip here, to day, was

x Close to the switch was the Sternmein Rum Rd, Mr. D. rays. arabic opinion growns. g59. to see if the hygodium was still holding its own. I found that a great many of the plants had turned black, their stalks were very buttle, at least 1/10 of the plants were in that condition. The others were more or less of a yellowish green and were showing the effects of writer plainly. A putty sight, here, was reining in so many places the capalle of the hairy capped more, Polytrichum commune, sticking out of the errow, the mose, itself, being invisible. The old finds: late catheries of the alder, having now direminated this seed, fall off readily. Soring home, I went by way of B's, the old mill and the stream. I learned, to-day, that a path beyond the school. home lade diretly to Wingert's. I reached home about 7 P.M. February 23, 1903. A trip with E.D. and M. to Back River and Holly Niche. We met at the Highlandtown terminus at 8 a.M. Here we took the car for Middle River. We were obliged to change care at Back River. We got out at Back Ruin Nech R'd and walked couth. The morning was cool & enif and the ground frozen; mow was still covering the road. Our trip down the road was enjoyed very much. In the woods we prequently parced trees on which grew Mitletoe. Ufter going a dictance of about 5 miles we come to a swampy region called Hickory Ridge. To-day the surface of this aware was frozen, and Mr. D. thought we might walk across it

and thus reach a large eaglice next. We did not creced in this co easily, however, and finally were obliged to take the road again, go couthward again to another road and then get around the awaref. We coon found the tree and an immend one it was. Far above the ground is the first branch and the nest, an incomme affair. Here within a few feet of the tree we ater our dimer. After dunier we started in an exploring trip. Every dead tree that we passed was rapped whom but with the exception of our first tree, we failed to scare out a single creature. The fuit tree, however, well paid all the trouble. When This the was rapped whom, out came first a beautiful grey squirel and then several flying squirele. Mr. D. thought that he might make them fly, but did not enceed. We now decided to go to Holly Nuch, where Mr. D. thought he might find owle neeting. Or we did not know the way very well we stopped to ingine at a farm-have We found Mr. Shafer very mice and he readily gave us the informa tion. Hanging from a tree in hie garden, was a pretty hawk, which he had shot. The told we that the eagle never do any harm, that they live memby on fich. They however come into the field for comctable to build their necte. We had little trouble in finding the road and after a bit reached the neet, Mr. D. was ecarching for.

\* In the woods found Pipulais dicolor. ·/c/p He climbed the tree but found the next deserted. We now went to the river. Not for off war Inc Island. There we noted a fine who is Mr. Mr. thought that he would take a picture of the come up atream. but when the camera was arranged, we found that the piture would not be so fine so did not take it. While we were thus engaged fifteen wild ducks flow up from near the island. We now decided to start back for Whikony Ridge. In the garden of the house near the river, M. D. eard there were three laye Cong. Walnut-trees. On our way back, we can off in the woode a large next. Mr. D. was on the look out for this next as he had been told about it already. Still had it not been for Mr. M. we possibly might not have found it. We found this, two, an inmence next and a very pretty one. after much trouble, Mr. Mr. secured a good view, and touch a priture of it. We now started homeword. When we reached Bradk Rim Nich R'd we entered the woods on the west ride of the road and walked through them, keeping close to the road. In the enow, we found frequently the tracks of rabbits. The tracks are pearlie in having the impressions of the hind pawe in front of those of the fore power there is ?. It was dark rouse time when we reached Eastern an. Just as we were in right of the road the electric car passed, we thurfur divided to walk to Back River, where

we took the car for home. We reached home about 8.30 P.M. Feb. 28, 1903, A trip from Town to York Rower, Then along the east side of the lake to the Dulany Valley Pike and then back again to T. I left home about 8.30 a. M. It was raining so went with rubber boots and rain coat. By the time I reached I. it was fouring down, decided, however, to continue my trip. Notwith standing the roads, which were in an awful condition, I enjoyed my walk in the rain very much; particularly eo, while going along Commell Be. Pd, when for a time it was very dark, the cloude received very low, and the rain powed downed in towents. after this heavy down pour, it slopped raining gradually, and by the time I reached R. R. it had stopped entirely. On this road, not for from the the little bridge before coming to the little house amounded by everyeeur, I found on the right hand ende was a dwarf Robinia a very fine plant of hycopodisim clavatum. near it was also a nice specimen of I. complanation. From L.P. I went down to the bridge crossing the stream. I found the road on the east side with very little difficulty. Near to the dam I found in several places long dalis. Observed to day, that the bunic on the dwarf rumuch still retain their red color. While examining the annuch, I heard the progs. This is the first time I hear them this year. Hear the remarks were several openium of Carrie Marbandiens

863. and in the ground grew by expodurin complanation. I enjoyed my with along the lake very much, Two interesting ravines were parced but I did not stop to examine them. I think it is up the record one that Meynolis tripetale is raid to grow. At noon, I ate my lunch, but did not stop. By the time I came to a point opposite the three-arched bridge, the run was chining heartifully. Here on the hillaide are two old rums. The road, at this point turne to the right and have the river and leads into the Dulany Valley Rd near the rehowlhave. Not knowing this though, I thought I would follow the river bank. For a time, all went very rice, as I was able to keep along a laye embankment, but about a quarter of a mile from the bridge this embankmut ruddenly ended, ( ? learned later that it was artificial, having hem put thin by the City of Baltimore, ) and I was obliged to walk through a very wet mendow. My boots come in very handy now, for without them I would not have been able to make the trip. The weather now was most delightful and remained ev for some time; but when I reached the Dulany Vally Rd, I nothered off the northwest a very dark cloud forming. It formed very rapidly and before I had some half my way to I. the storm was whom me. I had torken aff my rain-cost and packed it away in my vacculum, but it did not take me long to again get into it. The rain room came in towente, and the wind

\* The thermometer reached 71° 44 Tremella blem a gale. I thought thene would be hail but there was none. The storm ceased about as quickly as it came up and run again shone brightly and a pretty rambow appened. It was about 4 o'clockes when I reached ?? It was 5 when I arrived home. To-day found come of those pearlin geletine-like fungone manie on dreaging wood. On acit of the rain they were very gelatinone, last Monday on our trif to Back Rive Heck, we found them too, but then they were very much shriveled and had the appearance of realie. March 2, 1903. An afternoon trip to the ravine new Brooklyn to examine Skunk Cabbage. It was about 5 P.M. when I reached the ravine so had only about an hour to muke my observations. On my way through B. Insticed that the Silver Maple were in bloom. To trip was taken to observe the number of plants pound in bloom, so as to note later the preentage found in fruit and also to see if cross-pollination would moreve the number of frents. The first place I abruved was on the hillide to the right; here in a moist place I found 36 plants in plowers, they had altogether 54 spather. Harthur down on the came side of the ravine I came to a very wet place, the whole place was covered with an wich or two of water. Here in a much omaller

465. space were 25 plants with 50 blooms. None of these plante were artificially pollenated. A little below this last place I found a place similar to first one examined. Here I pollenated the flower in 3 spather none of the flower had ched follow. Not for off I can Veratrum inide breaking through the soil. In several places I can redlings of Impatience Julva. It was now nearly 6 o'clock and I deeded to start homeward. The birds were beginning to my evening rough. The counded very pretty. I heard also the progs. Re I was having the ravine I heard again that prember noise recorded in on one of my former tripe 2 or 3 yee ago, and which I learned was made by birds. To-day, it was too late to examine clover into the matter so did not see the bide. Returned rome about 70'clock. The weather is delightfully spring like. March 7, 1903. To the ravine. I left home about 9 o'clock and reached the termine about 10. It was raining and continued to do so the entire day. To-day, I decided to reach the ravine by way of the pump-house, as I was anxious to see if the Hepaticae near the spring were blooming. But, when I reached that shot I did not find a single flower. I crossed the brook and went to the found. Here I found both progs and ralamenders eggs. Close to the found I found I kunk Cally in

in bloom. From the fond I went to Owl Spring, on the way stopping to examine the several Pipularia places. At the spring, I examined the transplanted by godium, both plante are doing finely, I rearched two, for the mynolia and also for the Hepatica acuta, but found neither. I cleaned out the oping and then ate my dinner. While I was cating a little annial in a gray coat suddenly appeared at a little hole between the rocks of the spring and as enddenly disappeared. Thopse it would look out again, that I might recognize it, but it remained hidden. I now went slowly through the ravine, at Camp. Copy I stopped to look at the old home; no one now would ever suspect that a house had ever been built there. When I covered the little run, I found my fait Hepatica, later I found others, and in The oform run, Chayear plennin was growing beautifully, buts were plentiful, but no plowere, From the ravine I went to Orange since, civil the river and then walked along the River Rd. The road was in an awful condition. When I reached. Fr. Istopped to examine if Dicenter was to be seen but & it was not. Here two I looked at the Menisperum, only a few duid up burnin were still on the vine, the most of them, had either been exten or had dropped off. Noticing that the bridge Katherine" at Smitheone hed been again put in order, I decided to cover it. It is now,

\* Sunday Much 15, To-day it predicts the rain for to-morow.

\*\* On the road we mit a negro. Parked him if he how what bird that was that was whithing so finely. He didn't know, but he thought it was some kind of a appring-hid.

In a very bad condition, and I do not think I shall attempt crossing it again along thes him Red found one alder in bloom but later found many more. I rom Relay, home, I walked along the track. March 14, 1903. A trip along the Severn with Mr. W. We met at Camden station and took the early train to Earleigh Heights. We arrived at E. H. about half part seven. The morning was heartiful the wind from the south east made it delightfully mild. Yesterday our Weather Bueau trad predicted rain for to-day, but this morning it predicts rain for to-night and to-morrow. heaving the train we took the road leading west and towards the Levern. How sweetly the bids were enging! It was a grand morning for the birds, at least a dozen different kinds were observed. First of all we noticed blue birds; their heads & backs were of a heartful sky blue color, their breests were reddish brown, and their bellin a light gray. There were a great many of them and they were generally in the fields. It another place we raw many juneos. Red hinds were frequently heard and run, At another place robins attracted our attention and so it was all morning and even in the afternoon, although them they were rather silent On the side of the road I found a beautifully fruited more, and in a number of places reveal frethy earth-stars. Our walk through the

woode was delightful. After a while we came to a shell road and here we noticed a right [? here ). As we were anxiom to go to Seven Run, we crossed This road and continued through the woods. We soon came to another prominent road; as this reemed to lead in the ducitions we wished to go we follow ed it. as we were not sure, though, we decided to inquire at the next form home. This we presently did. Seeing two men plowing, we worsed the field to question them. We soon saw that the place was well-hept and surmired that the owner was a kerman. We were right. The place is owned by Mr. heimbach. We room learned that we were on the right road. Mr. L'e place his on the Severn, and to show we what a pretty view he had, he took we down to his chore. His place is indeed very pretty. The occurry around his freh found is very fine. Here grow a number of expuse true. He has, two, a number of fine holly trees, a great many of which had berries. Near his spring grows a mie patch of Lygudin palmetim. Near the shore is a large eard bank. Mr. L. relle the and at 1/2 of a buckel. In the course of conversation, he told we what he did to present getting the chills. In the spring, he makes a ten of wild chury, red oak, and carrafras, about a gallow of it, which they drink. Poison Oak he called Wild Oak. We staid quite a while it L's, but finally we bade him good- bye and started for Seven Run. On our way out the road we fined a number of beautiful places. At one place was a desited house falling to price

All x near the apring found hunde competition in bloom. On the road, two, we can one fait butterflier. The view from the home is very pretty. In the garden was a Silver Maple (etaminate) in bloom. The perfume of the bloccomo was delicrone, the honey bees were very may collecting the sweet nector from them. bloccome. On a little farther we came to barrettoone, the home stands right at a forking of the road. We were not very for from Benfield O.O. and in a few more minutes reached this place. Here is a large black mith shop and here is the amapolio Rd. This road leads dow to Leven Run. We learned that nearly enerbody in B. war named Pumphay. We coon reached Swem Row and a most beautifully prituregue place we found it. Just as we reached the run we met a lady, whom we learned very room was Mrs Clemens. Mr. W. knew Mr. C. and Mr. C. was very anxion that we visit then home. On she intended going to the store, she thought we might meet hu on her return. We were more arix win to see Leven Run so bade her good-bye. We learned that the path on the north ride of the run lead to a mill, so we decided to visit it. The path is a very fully one Here we found on the ride of the road some standing water in which were frage eggs. They booked very frethy in the clear water and in the Run light. It was now about 12 o'clock so we found a pietly place near a spring, and stopped to eat our dinner. after duine, we visited the

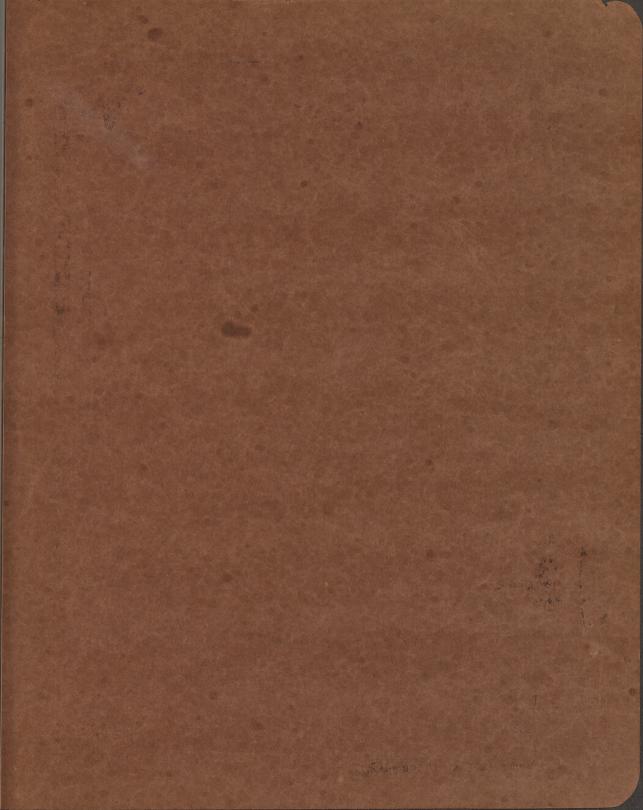
\* The progresser heard all day. To-day, two, I saw one jump wito the water. 872. road. He told us we must be one to call your. He told we in the com of our conversation that the poller of the Elder was poissoner, produce rache like the Forion Och. We noticed carefully the dense fine woods was at the top of interest, We finally came to the road leading to Battimore, we trok This road a short ditance and then turned into the road beding to Earligh Heights Jozeh om trip very much. At the station we mut the youngest son of Mr. Kidde 393. March 18, 1903. To Brooklyn and vicinity immediately after school. I made the

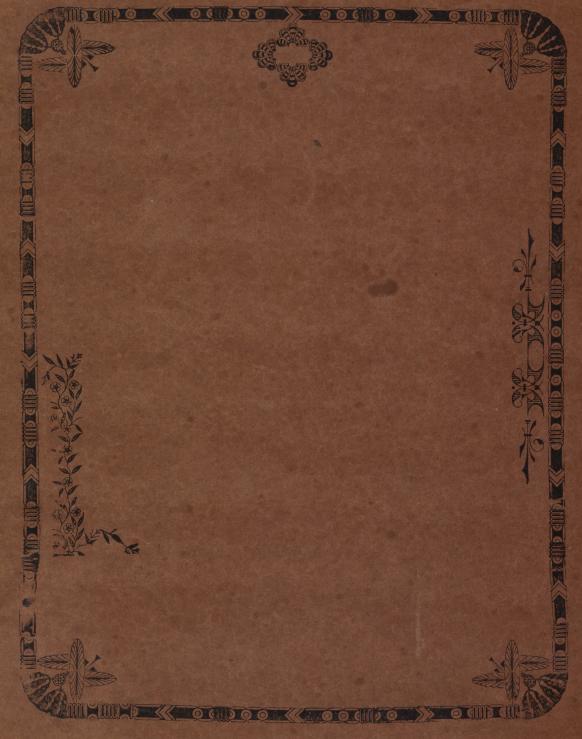
of the full after crowing the little run. We now started for the station, stopped again at the decerted house for a few moments and other places We reached the station sometime before the train arrived. We, both intrip to continue my experimente with Symplocarpue. I found, however, that the plants are done blooming that the plant itself is well out of ground and that the the leave are fully expanded. In the brook, in the little ravine I found Chrycochlenium in bloom. Podophyllum is well upont of the ground, Lindera is in bloom and so is agen rubum. Close to the large holly I can a large patch of young plante which I think I had hoped to find Schwinitzie, but it was two dark to cerel for it.

will prove to be anemone removes. From the evamps I went to the abutur hillide. I collected reveral little sprige then started for home. March 21.1903. With Mr. W. to Round Bay and then along the Severn. We met at Camden Station in time to take the early train. We arrived at R. B. about 7.30 a. M. It was raining, occasionally it lightened and thundered and then there would be a heavier down pour. at the station we met a colored man, named Smothers, the new manyer of the hotel, Mr. D. left about a year ago and had bought a place for himself. We found the new manager very gentlemany and quite intelligent We went with him down to the hotel. In the parch, were his children they were almost white and quite intelligent looking, "o-day, I wished to see Cedar Point, so we asked Mr. S. how to reach it must easily. and he told are, by going along the shore. We learned from him, too that Mrs. Dorry was still living at her old place, but, Mr. Kelly had died, We folled his advice and walked along the chore, and very pleasant we found the walk, notwithstanding the rain. The heavy mits obscured accionally the opposite shore, cometimes, two, I fit only the shore would be bidden from right but the trees on the hills could be seen. Between the showers, when the rain sometimes almost ceased, the birds would be heard and we thought what a day would this he for the buds, if it even clear. after following the shore for a short dictance, and having gotten beyond the little bay the river here makes, we came to a very

rocky ( and etone) fromoutory. I thought at first that this was ledar Point and the place that Mr. H. had spoken about, where cortain forcile could be obtained I rown found that I was right about the frecile and I had the pleasure of finding my first forced. On the shore was lying a small lump of harling; I picked it up and broke it in two along its plane of cleanage, when, there, ay much afred on each piece the imprecion of a large leaf. The clay was two wet to take along and as the banks were so very steep, and smilly, on account of the rain, we did not stop to examine closer. There on the bank grew a beautiful more, it looked as if it might be a species of Dicramm. At one place was a large shelving rock, we remarked what a fine place it would make for a rainy day eauf. We now walked onward and busetly we came in eight of a large colonial-like develling. On the tillside, below the house grew many huntiful double Jouquile. We decided to approach the house and learn comething about it. The house is occupied by a lady and her two daughters, (we learned later by the name of hydrigo). We found them righty cultimed but apparently very pour. Mr. T. asked in in out of the rain, but we thanked her, as we were out to enjoy it. We learned that the house was owned by a Mr. himseid (?). The bricks in the old building are very large and no doubt were brought from England, We learned from the youngest Mip? that we had not get reached leeder Point, bedar Bar, as she

" homemerable Blackbirds, here attracted our attention. said, it was called, but that it was not for off, We now hade the ladie good-lige and again descended to the shore. We very soon came to Cedar Bar - & most beautiful and picturegue point of land. Just as we reached the har, it stopped raining, the mick displeased to a certain extent and we were able to enjoy the beautiful seening around. Off, to the right is Yantses (?) a putty calmost land enclosed lake, nearly opposite one ere another inlet. Toedar Bar, no doubt takes ite name from the few cedare- jumperus Viginiana, that grow on it. We continued along the shore, until we came to Yantin. Here we were obliged to go inland in order to get around the swampy ground. Here we heard our first King friches as we ascended the hillside we figurity etopped to view the river. When we reached the top, we saw that we were not very far from the home of Mrs. T. We walked along the crest of the hill and whenever we can a spot that seemed to be worth examining, we would stop, and decend the hillinde. At one place, I thought I had found Kalmia glama, but it proved to be only augustifolia. after going some distance and about offreite Robinson Station, we for came to an old but no longer inhabited. Near it was a path leading to a spring, we therefore followed it a short dictance and coming to a nice much, we dreided to camp and eat our dinner.





Dear Mr. Plitt. at the reedy "mash" yesterday you auddenly became invisible, and despite my louth calls I failed to find you. I walket leisurely toward Forest Home and left word with a man there, that I hat govern to I hunic in case you about come lafter me, thinking that you possetly night have preceded me. I stopped again an the road from Baurlein which passes the rocks, about 20 minutes, & then went on. Very likely, you took the path near the branch. Had you writer at I.B. terminute in we would have met, but I could not have walked to Brooklyn anyhor, an it was raining, I hat no undrelle. I thank you for the Tymps, forther and was astonished that you hat formst Tarafacus, Tarafacus, Tarafacus The day was not as Mr. P. Says a dies non, and with regard to the weather, better than today. Inhoter Charletherfr. Feb. 15/1903









## POSTAL CARD.

Mr.Chas. C. Flitt 1706. Hanover at City